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7	BRS	L7	16	5 and ((mov\$6 or locat\$4 or position\$3 or coordinate\$1 or co-ordinate\$1) near5 mask\$3)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:13	
8	BRS	L8	9	7 and gaussian	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:14	
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12	BRS	L13	285	12 same mask\$1	US- PGPUB; USPAT	2007/05/27 08:16	
13	BRS	L14	5	9 and 13	US- PGPUB; USPAT	2007/05/27 08:16	
14	BRS	L15	42	13 same ((pel\$1 or picture or pixel\$1 or frame\$1) near4 mask\$3)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:21	
15	BRS	L16	1	15 same (difference\$1 or subtract\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:22	
16	BRS	L17	69	(face\$1 near3 detect\$4) same (compar\$6 or collat\$4 or match\$4 or similar\$5) same mask\$3 same (imag\$3 or video or photo\$6 or picture\$1 or frame\$1 or sequence)	US- PGPUB; USPAT; EPO; DERWEN T	2007/05/27 08:41	

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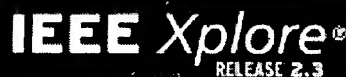
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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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**8. Joint feature-basis subset selection**

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Figure: Vision processing results: input **image**, **face** detection result, ... images at 42 **frames per second**, or approximately 77 million **pixel-disparities per** ...  
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gorithm divides the **image** into sets of contiguous **pixels** with coherent ... The object in question is a cube with a green **face containing** a red triangle. ...  
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tive **image frames**. Let. denote the luminance value of. **pixel** in the th **frame**. ... values, **containing** possible **face** blocks. (b) ...  
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in video **frames** where preliminary evidence suggests a **face** may be sited. ... where n is the number of **image pixels**, and it is ideal for applications where ...

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ones; (iii) a per-segment **comparison** to ground-truth **image masks** is preferable for ... It is observed that **frames containing** faces of a similar colour are ...

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**containing** skin color are eliminated. Note that **pixels** corresponding to eyes, eyebrows, ... **frames**, the bounding box is projected on the **face image**, ...  
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former classifies **pixels** by **comparing** the current **frame ... frames containing** specific Typical Problems for the data. measurements. ...  
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correlation **mask** should represent a characteristic area of the **image**, and, ... area between the eyes of about 20 x 20 square **pixels containing** parts of the ...  
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for a new, test **image** by **comparison** of the respective GMMs. of the test **image** and each ... bility density functions (PDFs) of **pixels** in each **face image**. ...  
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shows a **face image** and all the captured areas on both sides of the generated. eye-pairs. ... 300 **pixel frame** buer before any processing takes place. ...  
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occlusion at the first **frame** and no **pixel** is downweighted. ... a corresponding **mask**). Bottom row: (left) a **face image** partially. occluded by one hand, ...  
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**ScienceDirect - Computer Vision and Image Understanding : Robust ...**

The basic approach takes 383 s to process a 320 × 240 **pixel image** on a 200 ... Checks are made to see what proportion of past **frames** the **face** tracker has ...  
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**Face** candidates are accepted if  $\text{nok} > 6$ . Fig. 3. shows different steps of the detection process for an **image containing** 3 faces at different scales. ...  
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**Digital subtraction peripheral angiography using image stacking ...**

ROIs from identical locations were used for **comparing image-processing** results from a

given ... This was achieved by reducing the noise in the **mask frame**. ...  
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### Mode-specific processing

Each **image** is initially represented with **pixels** corresponding to the red, green, ... in the previous **frame** overlapped a color or range region, then the **face** ...  
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